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CURRICULUM VITAE

EDUCATION:

- *Stanford University*, Stanford, California, Ph.D., Geological Sciences, 1993.
- *University of Colorado*, Boulder, Colorado, M.S., Structural Geology, 1989.
- *Universität Tübingen*, Germany, Vordiplom, Geology, Paleontology and Mineralogy, 1987.

RESEARCH INTERESTS:

Active tectonics and crustal rheology. Using the Global Positioning System and Synthetic Aperture Radar Interferometry to measure deformation near active faults, volcanoes and landslides. Develop mechanical models of crustal deformation through the earthquake cycle along major fault zones to better understand the rheology and deformation mechanisms in the Earth's lithosphere.

PROFESSIONAL EXPERIENCE:

Since 06/06	Professor, Department of Earth and Planetary Science, UC Berkeley
01/01-06/06	Associate Professor, Dept. of Earth and Planetary Science, UC Berkeley
07/98-12/00	Assistant Professor, Department of Geology and Geophysics, UC Berkeley
01/95-06/98	Assistant Professor, Department of Geology, UC Davis
10/93-12/94	Postdoctoral Scholar, Department of Geophysics, Stanford University
06/91-09/91	Student Employee at U.S. Geological Survey, Menlo Park
09/89-06/91	Teaching Assistant, Department of Geology, Stanford University
09/88-05/89	Research Assistant, Department of Geology, University of Colorado, Boulder
10/86-06/87	Research Assistant, Universität Tübingen, Germany

AWARDS AND MEMBERSHIPS:

Fellow, American Association for the Advancement of Science (AAAS), 2019
Miller Research Professor, UC Berkeley, 2014
Fellow, American Geophysical Union (AGU), 2013
Birch Lecturer, American Geophysical Union, 2013 Fall Meeting
UC Berkeley Faculty Award for Excellence in Postdoctoral Mentoring, 2012
Alexander von Humboldt Foundation, Friedrich Wilhelm Bessel Prize, 2005
Geological Society of America Outstanding Student Research Award, 1992
Stanford-U.S. Geological Survey Graduate Fellowship, 1991-92
Geological Society of America Grant, 1988, 1990, 1991, and 1992
Mc Gee Award, 1990, 1991, and 1992
Centennial Teaching Assistant Award, Stanford University, 1991

Donath Honors Fellowship in Earth Sciences, 1990-91
Sigma Xi Grants-in-Aid, 1990
Fulbright Scholarship, 1987-1989
'Studienstiftung des Deutschen Volkes' Scholarship 1987-1989
Member of the AAAS, AGU, GSA, and SSA

RECENT SERVICE (Since 2014):

2014 – 2015	Member, Organizing Committee, Future Seismic and Geodetic Facility Needs in the Geosciences Workshop
2015	Member, EPS faculty promotion review Ad-Hoc Committee
2015 – 2016	Member, Organizing Committee, 2016 UNAVCO Science Workshop
2015 – 2016	Guest editor, Special Issue in the Journal of Asian Earth Sciences on 25 April 2015 Gorkha Earthquake in Nepal Himalaya
2015 – 2016	Member, UNAVCO Board Nominating Committee
2012 – 2016	Member, Southern California Earthquake Center (SCEC) Board of Directors
2014 – 2016	Co-Chair, IRIS Science Advisory Committee: Faulting and deformation processes
2016	Co-leader SSA Workshop on Publishing for early career scientists, Reno
2013 – 2017	Member, Earth Science Subcommittee (ESS) of NASA Advisory Council
2013 – 2017	Member, Facilities Committee of DEFORM
2014 – 2017	Member, AGU Tectonophysics Union Fellows Committee
2014 – 2018	Member, SSA Honors Committee
2014 – 2019	Member, Membership Committee of UNAVCO
2016 – 2019	Member, Committee on Research (COR), UC Berkeley
2017 – 2019	Co-leader SSA Workshop on Peer Review for early career scientists, Denver, Miami and Seattle
2019	Member, External Review Committee EAPS Department, Purdue University
2019	Member, Berkeley Campus Ad Hoc Review Committee (CAHRC)
2019	Co-chair, SSA Meeting Student Presentation Award
2016 – 2017	Chair, SSA Awards Encouragement Committee (SAEC)
2017 – 2020	Member SSA Awards Encouragement Committee (SAEC)
2007 – 2020	Member, Editorial Board, *Earth and Planetary Science Letters*
2017 – 2021	Member, NASA Earth Science Advisory Committee (ESAC, former ESS)
2019 – 2021	Special Issue Associate Editor, *Journal of Geophysical Research*
2020 – 2021	Member, SCEC Committee on Basic Questions of Earthquake Science
2020 – 2021	Member, Science Coordination Committee, 2021 GAGE/SAGE Science Workshop
2021	Member, Subcommittee on SZ4D Implementation Structures
2021	Member, External Review Committee, Earth and Environmental Sciences department, University of Michigan
2015 – 2022	Advisory Board for COMET (Centre for the Observation and Modelling of Earthquakes, Volcanoes and Tectonics), Leeds UK

2016 – 2022	Member, Executive Committee, Miller Institute for Basic Research in Science, Berkeley
2020 – 2022	Member, Steering Committee, SZ4D Research Coordination Network
2021 – 2022	Elected member, UNAVCO Board of Directors
2021 – 2022	Member, EarthScope Governance Planning Team
2022 – 2023	Member, SZ4D Committee on Committees
2020 – 2023	Member, SZ4D Faulting and Earthquake Cycles Working Group
Since 2011	Member, National Earthquake Prediction Evaluation Council (NEPEC)
Since 2016	Chair, USGS National Earthquake Prediction Evaluation Council (NEPEC)
Since 2016	Member, USGS Scientific Earthquake Studies Advisory Committee (SESAC)
Since 2017	Member, Advisory Committee of the Institute of Earth Sciences, Academia Sinica
Since 2019	Member, SCEC Science Planning Committee (Co-Chair, SDOT Focus Area)
Since 2019	Member, Advisory Committee of Research Coordination Network: In situ Studies of Rock Deformation (ISRD)
Since 2022	Member, DFG Expertengremium für die Exzellenzstrategie
Since 2023	Member, Integration and Innovation Advisory Committee of EarthScope Consortium
Since 2023	Member, NASA OPERA CSLC Working Group
Since 2023	Member, Proposal Team, EarthScope Consortium
Since 2024	Member, NASA ESI Challenges and Opportunities for Research (CORE 2.0) Committee

RECENT INVITED LECTURES (Since 2014):

05/28/24, ISTerre, Grenoble	Probing Megathrust Mechanics in Alaska
05/22/24, BSL-INGV workshop, INGV, Rome	Decadal Creep-rate Acceleration and Asperity Erosion Along the Hayward Fault
02/21/24, Earthquake Country Alliance Bay Area Workshop, UC Berkeley	Slow Slip and Earthquake Potential Along the Hayward fault
02/15/24, First Joint International Earthquake Science Symposium, UTIG, UT Austin	Probing subduction zone mechanics with geodesy
05/28/23, IES Academia Sinica, Taipei	Subduction Zone Slip Through Earthquake Cycles
05/23/2023, CIDER 2023 Summer Program Lecturer, UC Berkeley	Observations and Models of Earthquake Cycles
05/09/2022 Oxford University, UK	Subduction Megathrust Coupling and Slip Through Earthquake Cycles
05/02/2022 INGV, Rome FEAR URL	Subduction Megathrust Coupling and Slip Through Earthquake Cycles
04/27/2022 LMU, Munich	Dynamic Plate Boundaries of the Mendocino Triple Junction
04/16/2022 ETH workshop, Syros	Constraints from Geodesy on Deep Interface Processes

04/04/2022 IPGP, Paris	Subduction Megathrust Coupling and Slip Through Earthquake Cycles
03/30/2022 ISTerre, Grenoble	Kinematics, Dynamics and Hazard of Slow-Moving Landslides
03/16/2022 KAUST, Thuwal	Earthquake Weather? Seasonal Water Storage, Deformation and Seismicity
11/05/2021 CERI Memphis	Seasonal and Tidal Modulation of Earthquakes and Tremor
09/23/2021 EPS Seminar, Berkeley	Kinematics, Dynamics and Hazard of Slow-Moving Landslides
07/23/2021 Berkeley Breakfast Club, Berkeley City Club, Berkeley	Natural Hazards in Your Backyard from Outer Space
04/01/2021 Univ. of Utah, SLC	Earthquake Weather? Seasonal Water Storage, Deformation and Seismicity
01/13/2021 Univ. of Oregon, Eugene	Seasonal water storage and modulation of earthquakes
10/27/2020 IGPP Seminar, SIO/UCSD	Seasonal water storage and modulation of earthquakes
10/21/2020 Basic Science Lights the Way: "The Overactive Earth", UC Berkeley	Active Tectonics on an Overactive Earth
09/30/2020 Northern California Geological Society (NCGS)	A close-up view of Bay Area natural hazards from outer space
08/05/2020 Seafloor Geodesy https://www.unavco.org/education/professional-development/short-courses/2020/seafloorgeodesy/seafloorgeodesy.html	State-of-the-Art in Seafloor Geodesy
04/03/2020 DeTect Series http://www.ipgp.jussieu.fr/~klinger/web_Yann/Detect_page/detect.html	Slow Fault Slip
10/06/2019, Megathrust Modeling Workshop, Eugene, OR	Slow Slip, Asperities and Deformation
06/24/2019, COMET, York, UK	Geophysical Probing of Fault Rheology
06/17/2019, Tel Aviv University, Israel	The ingredients of slow fault slip
04/04/2019, GFZ Potsdam, Germany	Mechanical Ingredients of Slow Fault-Slip Transients
10/20/2018, UC Berkeley, Science at Cal	A shaky anniversary: Lessons learned since the October 21, 1868 Hayward earthquake
08/06/2018, Univ. of Sci. and Technology, Hefei, China	Seasonal Deformation and Seismicity in California
08/03/2018, Institute of Seismology, CEA, Wuhan, China	Water and Tides Modulate Deformation, Seismicity and Tremor in California
08/01/2018 ISGG 2018 Symposium, Kunming, China	Probing the Deep Rheology of the Tibetan Plateau
07/02/2018 COMET Annual Workshop, Lee Valley, UK	InSAR Characterization of Slow Moving Landslides
06/28/2018 ISTerre Grenoble, France	Water and Tides Modulate Deformation, Seismicity and Tremor in California
06/25/2018 50 Years of Plate Tectonics Symposium, Collège de France, Paris	Probing the Rheology of the Asthenosphere

11/17/2016 Joint Meeting of the U.S.-Japan Panel on Earthquake Research (UJNR), Napa, CA	Transient Deformation and Stress From Enduring Postseismic Deformation of the 2011 Tohoku-Oki Earthquake
08/08/2016 National Normal Taiwan University, Taipei, Taiwan	Periodic Deformation, Seismicity and Tremor in California
07/20/2016 International Symposium Crustal Dynamics, Takayama, Japan	Transient Deformation and Stress From Postseismic Deformation of Great Megathrust Earthquakes
07/15/2016 Tohoku University, Japan	Transient Deformation and Stress From Postseismic Deformation of Great Megathrust Earthquakes
10/15/15 Dept. of Geosciences, UT Austin	Climate driven water storage, deformation and earthquakes in California
10/16/15 UT Institute of Geophysics	What gives in the lower crust? Evidence from postseismic relaxation and tidally triggered tremors
07/07/2015 Ecole Normale Supérieure, Paris; 07/13/2015 School of Earth and Environment, University of Leeds; 07/21/2015 University College of London; 07/23/2015 University of Cambridge	Periodic Crustal Deformation and Seismicity
06/29/2015 Kandilli Observatory, Istanbul	Aseismic Fault Slip Along the San Andreas Fault System from GPS and InSAR
05/12/2015 Earth and Planetary Sciences Dept., UCSC	Periodic Crustal Deformation and Seismicity
12/04/2014 Dept. of Earth, Planetary and Space Sciences, UCLA	Periodic Crustal Deformation and Seismicity
10/16/2014 Geophysics Dept., Stanford University	Periodic Crustal Deformation and Seismicity
10/09/2014 EPS Distinguished Faculty Lecture, Berkeley	Periodic Crustal Deformation and Seismicity
06/09/2014 USGS Western Region Colloquium	Periodic Deformation and Seismicity: From Tides to Seasonal Water Loads
05/05/2014 Department of Earth Sciences, USC	Periodic Deformation and Seismicity: From Tides to Seasonal Water Loads

JOURNAL REVIEWS:

Reviewed papers published in Science, Science Advances, Nature, Nature Communications, Nature Geoscience, Tectonics, Tectonophysics, Physics of the Earth and Planetary Interiors, J. of the Geological Society of India, J. of Volcanological and Geothermal Research, Terra Nova, Israel J. of Earth Sciences, Earth and Planetary Science Letters, Geophysical J. International, Geophysical Research Letters, Geology, Geological Society of America Bulletin, J. of Geophysical Research, and Bulletin of the Seismological Society of America.

PUBLICATIONS (Orcid ID: 0000-0002-3560-044X):

1989:

1. Ratschbacher, L., Meschede, M., Frisch, W., Bürgmann, R., Ott, R., Richter, C., Streck, M, and Wech, A., Personal Computer in Strukturgeologie und Tektonik, *Zeitsch. dt. geol. Ges.*, v.140, 219-229.

1990:

2. Behr, J., Bilham, R., Bodin, P., Burford, R.O., Bürgmann, R., 1990, Aseismic slip on the San Andreas fault south of Loma Prieta, *Geophys. Res. Lett.*, 17, 1445-1448.

1991:

3. Bürgmann, R., 1991, Transpression along the southern San Andreas Fault, Durmid Hill, California, *Tectonics*, 10, 1152-1163.

1992:

4. Bürgmann, R., and Pollard, D.D., 1992, Influence of the state of stress on the brittle-ductile transition in granitic rock: Evidence from fault steps in the Sierra Nevada, California, *Geology*, 20, 645-648.

1994:

5. Bürgmann, R., Arrowsmith, R., Dumitru, T., and McLaughlin, R., 1994, Rise and fall of the southern Santa Cruz Mountains, California, from fission tracks, geomorphology, and geodesy, *Journal of Geophysical Research* , 99, 20,181-20,202
6. Bürgmann, R., Pollard, D.D., and Martel, S.J., 1994, Slip distribution on faults: effects of stress gradients, inelastic deformation, heterogeneous host-rock stiffness, and fault interaction, *Journal of Structural Geology,* 16, 1675-1690.
7. Bürgmann, R., And Pollard, D.D., 1994, Strain accomodation about strike-slip fault discontinuities in granitic rock under brittle-to-ductile conditions, *Journal of Structural Geology*, 16, 1655-1674.
8. Bürgmann, R., Arrowsmith, R., and Dumitru, T., 1994, Slip Rates and Earthquake Hazard Along the Foothills Thrust Belt in the Southern San Francisco Bay Area, *USGS Open File Report, 31-33.*

1995:

9. Owen, S., Segall, P., Freymueller, J., Miklius, A, Denlinger, R., Arnadottir, T., Sako, M., Bürgmann, R., 1995, Rapid deformation of the south flank of Kilauea Volcano, Hawaii, *Science*, 267, 1328-1332.
10. Paul, J., Blume, F., Jade, S., Kumar, V., Swathi, P.S., Ananda, M.B., Gaur, V.K., Bürgmann, R., Bilham, R., Namboodri, B., Mencin, D., 1995, Microstrain stability of Peninsular India 1864-1994, Proceedings of the Indian Academy of Sciences (Earth Planetary Sciences), 104, No. 1, 131-146.

1996:

11. E. Boschi, D. Giardini, D. Pantosti, G. Valensise, R. Arrowsmith, Basham, R. Bürgmann, A. Crone, A. Hull, R. McGuire, D. Schwartz, K. Sieh, S. Ward and R. Yeats, 1996, New Trends in Active Faulting Studies for Seismic Hazard Assessment*, Annali di Geofisica*, 34, 1301-1307.
12. Bürgmann, R., 1996, Earth Crust, *in* McGraw-Hill Yearbook of Science and Technology, McGraw-Hill, New York, p.153-157
13. Freymueller, J., Bilham, R., Bürgmann, R., Larson, K.M., Paul, J., Jade S., and, Gaur, V., 1996, Global Positioning System measurements of Indian plate motion and convergence across the Lesser Himalaya, *Geophysical Research Letters, 23, 3107-3110.*

1997:

14. Bürgmann, R., 1997, Active detachment faulting in the San Francisco Bay area?, *Geology* , 25, p.1135-1138.

15. Bürgmann, R., Segall, P., Lisowski, M., and Svarc, J.L., 1997, Postseismic Strain Following the 1989 Loma Prieta Earthquake From GPS and Leveling Measurements, *Journal of Geophysical Research, 102, p.4933-4955.*
16. Bürgmann, R., Segall, P., Lisowski, M., and Svarc, J.L., 1997, Strain development subsequent to the 1989 Loma Prieta earthquake, *U.S.G.S. Professional Paper 1550D*, p.209-244.

1998:

17. Arrowsmith, R., Bürgmann, R., and Dumitru, T., 1998, Uplift and fault slip rates in the southern San Francisco bay area from fission-tracks, geomorphology, and geodesy, in Quaternary geochronology and seismic hazards assessments, in Noller, J. S., Sowers, J. M., and Lettis, W. R., eds., Dating and earthquakes: Review of Quaternary geochronology and its application to paleoseismology: U. S. Nuclear Regulatory Commission, NUREG/CR 5562, 345-351.
18. Bürgmann, R., Fielding, E., and Sukhatme, J., 1998, Slip along the Hayward fault, California, estimated from space-based synthetic aperture radar interferometry, *Geology*, 26, no. 6, 559-562.
19. Gross, S., and Bürgmann, R., 1998, Rate and state of background stress estimated from the aftershocks of the 1989 Loma Prieta, California, earthquake, *J. Geophys. Res*., 103, 4915-4927.
20. Pollitz, F., R. Bürgmann, and B. Romanowicz, 1998, Viscosity of oceanic asthenosphere inferred from remote triggering of earthquakes, *Science,* 280, 1245-1249.
21. Pollitz, F., Bürgmann, R., and Segall, P., Joint estimation of afterslip rate and postseismic relaxation following the 1989 Loma Prieta earthquake, *J. Geophys. Res*., 103, 26,975-26,992, 1998.

1999:

22. Bürgmann, R., Larson, K., and Bilham, R., 1999, Model Inversion Of GPS And Leveling Measurements Across The Himalaya: Implications For Earthquake Hazards And Future Geodetic Networks, *Himalayan Geology, 20, 59-72.*
23. Larson, K., Bürgmann, R., Bilham, R., and Freymueller, J.T., 1999, Kinematics of the India-Eurasia collision zone from GPS measurements, *J. Geophys. Res*., 104, 1077-1093.

2000:

24. Bürgmann, R., Rosen, P., and Fielding, E, Synthetic aperture radar interferometry to measure Earth's surface topography and its deformation, *Annual Reviews of Earth and Planetary Sciences*, 28, 169-209, 2000.
25. Bürgmann, R. Schmidt, D., Nadeau, R., D'Alessio, M., Fielding, E., Lawrence, S., Manaker, D., McEvilly, T., and Murray, M.H., Earthquake potential along the northern Hayward fault, California, *Science,* 289, 1178-1182, 2000.
26. Pollitz, F.F., Peltzer, G., and Bürgmann, R., Mobility of continental mantle: Evidence from postseismic geodetic observations following the 1992 Landers earthquake, *J. Geophys. Res. 105*, 8035-8054, 2000.
27. Reilinger, R. E., S. Ergintav, R. Bürgmann, S. McClusky, O. Lenk, A. Barka, O. Gurkan, L. Hearn, K. L. Feigl, R. Cakmak, B. Aktug, H. Ozener, M. N. Töksoz, Coseismic and postseismic fault slip for the 17 August 1999, M=7.5, Izmit, Turkey Earthquake *Science,* 289, 1519-1524, 2000.
28. Segall, P., R. Bürgmann, and M. Matthews, Time dependent deformation following the 1989 Loma Prieta earthquake, *J. Geophys. Res.*, *105*, 5615-5634, 2000.

2001:

29. Ayhan, M. E., Bürgmann, R., McClusky, S., Lenk, O., Aktug, B., Herece, E., and Reilinger, R.E, Kinematics of the Mw 7.2, 12 November 1999, Düzce, Turkey earthquake, *Geophys. Res. Lett.* 28, 367-370, 2001.
30. Bürgmann, R., M.G. Kogan, V.E. Levin, C.H. Scholz, R.W. King, and G.M. Steblov, Rapid aseismic moment release following the 5 December, 1997 Kronotsky, Kamchatka, earthquake, *Geophys. Res. Lett.*, 28, 1331-1334, 2001.

31. Cannon, E.C., and Bürgmann, R., Prehistoric fault offsets of the Hilina fault system, South Flank of Kilauea Volcano, Hawaii, *J. Geophys. Res.,* 106, 4207-4219, 2001.
32. Cannon, E.C., Bürgmann, R., and Owen, S.E., Shallow normal faulting and block rotation associated with the 1975 Kalapana earthquake, Kilauea Volcano, Hawaii, *Bull. Seismol. Soc. Am.*, 91, 1553-1562, 2001.
33. Paul, J., R. Bürgmann, V.K. Gaur, R. Bilham, K. Larson, M.B. Ananda, T.S. Anupama, S. Jade, D. Kumar, and M. Mukul, The motion and active deformation across India, *Geophys. Res. Lett*. 28, 647-651, 2001.
34. Pollitz, F.F., Kellogg, L, and Bürgmann, R., Sinking mafic body in a reactivated lower crust: A mechanism for stress concentration at the New Madrid seismic zone, *Bull. Seismol. Soc. Am.*, 91, 1882-1897, 2001.

2002:

35. Banerjee, P., and Bürgmann, R., Convergence across the northwest Himalaya from GPS measurements, *Geophys. Res. Lett.*, 29, 10.1029/2002GL015184, 2002.
36. Bürgmann, R., M.E. Ayhan, E.J. Fielding, T.J. Wright, S. McClusky, B. Aktug, C. Demir, O. Lenk, and A. Türkezer, Deformation during the 12 November 1999 Düzce, Turkey Earthquake, from GPS and InSAR Data, *Bull. Seism. Soc. Am.*, *92*, 161-171, 2002.
37. Bürgmann, R., S. Ergintav, P. Segall, E.H. Hearn, S. McClusky, R.E. Reilinger, H. Woith, and J. Zschau, Time-dependent distributed afterslip on and deep below the Izmit earthquake rupture, *Bull. Seism. Soc. Am.*, *92*, 126-137, 2002.
38. Dzurisin, D., M.P. Poland, and R. Bürgmann, Steady subsidence of Medicine Lake Volcano, northern California, revealed by repeated leveling surveys, *J. Geophys. Res.*, *107*, doi:10.1029/2001JB000893, 2002.
39. Ergintav, S., R. Bürgmann, S. McClusky, R. Cakmak, R.E. Reilinger, O. Lenk, A. Barka, and O. Gurkan, Postseismic deformation following Izmit earthquake, 17 August 1999, *Bull. Seism. Soc. Am.*, *92*, 194-207, 2002.
40. Feigl, K.L., F. Sarti, H. Vadon, P. Durand, S. McClusky, S. Ergintav, R. Bürgmann, A. Rigo, D. Massonnet, and R. Reilinger, Estimating slip distribution for the Izmit mainshock from coseismic GPS, ERS-1, RADARSAT and SPOT measurements, *Bull. Seism. Soc. Am.*, *92*, 138-160, 2002.
41. Hearn, E.H., R. Bürgmann, and R. Reilinger, Dynamics of Izmit earthquake postseismic deformation and loading of the Düzce earthquake hypocenter, *Bull. Seism. Soc. Am.*, *92*, 172-193, 2002.
42. Price, E.J., and Bürgmann, R., Interactions between the Landers and Hector Mine earthquakes from space geodesy, boundary element modeling, and time-dependent friction, *Bull. Seism. Soc. Am.*, *92*, 1450-1469, 2002.

2003:

43. Battaglia, M., D. Zuliani, D. Pascutti, A. Michelini, I. Marson, M.H. Murray, and R. Bürgmann, Network Assesses Earthquake Potential in Italy's Southern Alps, Eos, 84 (28), 262-264, 2003.
44. d'Alessio, M.A., A.E. Blythe, and R. Bürgmann, No frictional heat along the San Gabriel fault, California: Evidence from fission track thermochronology, *Geology*, *31, 541-544, 2003*.
45. Hreinsdóttir, S., J.T. Freymueller, H. Fletcher, C.F. Larsen, and R. Bürgmann, Coseismic slip distribution of the 2002 Mw 7.9 Denali fault earthquake, Alaska, determined from GPS measurements, *Geophys. Res. Lett.*, *30,* doi:10.1029/2003GL017447, 2003.
46. Kogan, M.G., R. Bürgmann, N.F. Vasilenko, C.H. Scholz, R.W. King, A.I. Ivashchenko, D.I. Frolov, G.M. Steblov, C.U. Kim, and S.G. Egorov, The 2000 Mw 6.8 Uglegorsk earthquake and regional plate boundary deformation of Sakhalin from geodetic data, *Geophys. Res. Lett.*, *30,* doi:10.1029/2002GL016399, 2003.
47. Lynch, J.C., R. Bürgmann, M.A. Richards, and R.M. Ferencz, When faults communicate: viscoelastic coupling and earthquake clustering in a simple two-fault strike-slip system, *Geophys. Res. Lett.*, *30,* doi:10.1029/2002-GL016765, 2003.

48. Manaker, D., Bürgmann, R., Prescott, W., and Langbein, J., Distribution of interseismic slip rates and the potential for significant earthquakes on the Calaveras fault, central California, *J. Geophys. Res., 108,* doi:10.1029/2002JB001749, 2003.
49. Schmidt, D.A., and Bürgmann, R., Time dependent land uplift and subsidence in the Santa Clara valley, California, from a large InSAR data set, *J. Geophys. Res., 108*, doi:10.1029/2002JB002267, 2003.
50. Steblov, G., M. Kogan, R.W. King, C.H. Scholz, R. Bürgmann, and D. Frolov, Imprint of the North American Plate in Siberia Revealed by GPS, *Geophys. Res. Let.*, *30*, doi:10.1029/2003GL017805, 2003.

2004:

51. Battaglia, M., M.H. Murray, E. Serpelloni, and R. Bürgmann, The Adriatic region: an independent microplate within the Africa-Eurasia collision zone., *Geophys. Res. Lett.*, *31*, (9), doi:10.1029/2004GL019723, 2004.
52. Blythe, A.E., M.A. d'Alessio, and R. Bürgmann, Constraining the exhumation and burial history of the SAFOD pilot hole at Parkfield, California, with apatite fission track and (U-Th)/He thermochronometry, *Geophys. Res. Lett.*, *31* (L15S16), doi: 10.1029/2003GL019407, 2004.
53. Chandrasekhar, D.V., D.C. Mishra, B. Singh, V. Vijayakumar, and R. Bürgmann (2004), Source parameters of the Bhuj earthquake, India of January 26, 2001 from height and gravity changes, *Geophys. Res. Lett.*, *31* (19), doi:10.1029/2004GL020768.
54. Ferretti, A., F. Novali, R. Bürgmann, G. Hilley, and C. Prati (2004), InSAR Permanent Scatterer Analysis Reveals Ups and Downs in the San Francisco Bay Area, *Eos*, *85* (34), 317, 324.
55. Freed, A.M., and R. Bürgmann (2004), Evidence of powerlaw flow in the Mojave desert mantle, *Nature*, *430* (doi:10.1038/nature02784), 548-551.
56. Gahalaut, V.K., and Bürgmann, R.,(2004) Constraints on the source parameters of 26 January 2001 Bhuj, India earthquake from satellite images, *Bull. Seism. Soc. Am.*, *94*, 6, 2407–2413.
57. Hilley, G.E., R. Bürgmann, A. Ferretti, F. Novali, and F. Rocca (2004) Dynamics of slow-moving landslides from permanent scatterer analysis, *Science*, *304*, 1952-1955.
58. Rolandone, F., R. Bürgmann, and R.M. Nadeau (2004), The evolution of the seismic-aseismic transition during the earthquake cycle: Constraints from the time-dependent depth distribution of aftershocks, *Geophys. Res. Lett.*, *31*, doi:10.1029/2004GL21379.
59. To, A., R. Bürgmann, and F. Pollitz (2004), Postseismic deformation and stress changes following the 1819 Rann of Kachchh, India earthquake: Was the 2001 Bhuj earthquake a triggered event?, *Geophys. Res. Lett.*, *31*, doi:10.1029/2004GL020220.
60. Zhang, P., Z.K. Shen, M. Wang, W. Gan, R. Bürgmann, P. Molnar, Z. Niu, J. Sun, Q. Wang, J. Wu, H. Sun, and X. You (2004), Continuous Deformation of the Tibetan Plateau from GPS, *Geology*, *32* (9), 809-812.

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Fred Pollitz, now at USGS Menlo Park; Susan Owen, now at Jet Propulsion Laboratory, Pasadena; Evelyn Price, Austin, Texas; Maurizio Battaglia, now at University of Rome I "La Sapienza", Italy; Andy Freed, now at Purdue University; Frederique Rolandone, now at University of Paris, France; George Hilley, now at Stanford University; Kaj Johnson, now at Indiana University; Gareth Funning, now at University of California, Riverside; Chris Fuller, now at William Lettis Associates, Walnut Creek; D.V. Chandrasekhar, NGRI Hydarabad, India, deceased in 2012; David Shelly, now at USGS Menlo Park; Kate Huihsuan Chen, now at National Taiwan Normal University, Taipei, Taiwan; Isabelle Ryder, Liverpool, UK; Ingrid Johanson, now at USGS Hawaii Volcano Observatory; Colin Amos, now at Western Washington University; Pascal Audet, now at University of Ottawa, Canada; Manoochehr Shirzaei, now at Virginia Tech; Kim Blisniuk, now at San Jose University; Estelle Chaussard, FM Global, Boston; Yan Hu, now at USTC, Hefei, China; Wenbin Xu, now at Central South University, Changsha, China; Chris Milliner, now at Caltech, Pasadena; Lian Xue, now at Peking University, Beijing, China; Xie Hu, now at University of Houston; Baptiste Rousset, now at CNRS, Strasbourg, France; Heather Shaddox, now at California

Geological Survey; Curtis Baden, now at USGS; Kang Wang, now at EarthScope; Yuankun Xu, active; Kelian Dascher-Cousineau, active (M/F, 19/11)